

AMENDMENTS

IN THE SPECIFICATION

Please amend the specification as follows:

Please page 4, please delete lines 24-29.

At page 4, line 24, please insert the following sentences:

NE
BL
--Residues 181-217 Val Met Cys Asp Met Asp Tyr Arg Gly Gly Gly Trp Thr Val Ile Gln Lys Arg Ile Asp Gly Ile Ile Asp Phe Gln Arg Leu Trp Cys Asp Tyr Leu Asp Gly Phe Gly (designated as SEQ ID NO: 5),

Residues 324-353 Cys Ser His Leu His Asn Lys Thr Gly Trp Trp Phe Asn Glu Cys Gly Leu Ala Asn Leu Asn Gly Ile His His Phe Ser Gly Lys Leu (designated as SEQ ID NO: 6),

Residues 271-285 Phe Lys Met His Leu Gly Arg Tyr Ser Gly Asn Ala Gly Asp Ala (designated as SEQ ID NO: 7), and

Residues 222-234 Glu Phe Trp Leu Gly Leu Lys Lys Ile Phe Tyr Ile Val (designated as SEQ ID NO: 8).--

Please replace pages 112-114 with the enclosed substitute pages 112-114.

AS 4/14/02
B2
Please delete the following preliminary amendment filed in the transmittal on June 17, 2000, from page one, and line one of the specification: now ABANDONED, 4/15/02

This is a continuation-in-part of application Serial No. 09/552,317, filed April 25, 2000, entitled "Novel Nucleic Acids and Polypeptides", which is a continuation-in-part of prior application no. 09/488,725, filed January 21, 2000, entitled "Novel Contigs Obtained From Various Libraries" both herein incorporated by reference.

IN THE CLAIMS

Please cancel claims 19, 20 and 26.

Please add claim 31:

B3
31. (New) An isolated polypeptide having at least 99% identity to the amino acid sequence of SEQ ID NO: 4, wherein the mature form of said polypeptide has prothrombinase activity.